

ABSTRACT

Provided is a practical reflecting mirror having a plastic substrate and offering a good balance between reflectivity and durability, both of which are excellent. The reflecting mirror includes a plastic substrate, and a stacked structure formed on the plastic substrate. The stacked structure includes an underlayer film made of aluminum oxide, a reflection film formed on the side opposite to the plastic substrate with respect to the underlayer film, and a water-repellent film having a compound containing fluorine and silicon, which is formed on the side opposite to the underlayer film with respect to the reflection film. This configuration allows preventing moisture permeating through the plastic substrate or moisture permeating through the surface of the reflecting mirror from entering the reflection film. Thus, the reflection film does not undergo corrosion, so that it is possible to ensure a good balance between the reflectivity and the durability, both of which are excellent.